

Converting Colors

Decimal(5878636)

Have a look what the booklet for
Decimal(5878636) contains.

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Color

Decimal(5878636)

Conversions

Conversions Part 1

Format	Color
Hex	59B36C
RGB	89, 179, 108
RGB Percent	35%, 70%, 42%
CMY	0.6510, 0.2980, 0.5765
CMYK	0.50, 0.00, 0.40, 0.30
HSL	133°, 37%, 53%
HSV	133°, 50%, 70%
XYZ	22.9467, 35.4468, 19.8198
YIQ	143.9960, -30.8490, -41.1610

Conversions

Conversions Part 2

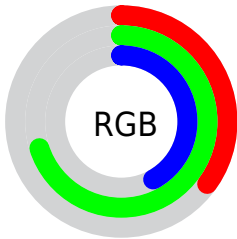
Format	Color
RYB	89, 163, 179
Decimal	5878636
CIELab	66.10, -42.52, 28.20
CIElCh	66, 51.020, 146.451
Yxy	35.4468, 0.2934, 0.4532
Android (android.graphics.Color)	4284068716 (0xFF59B36C)
YUV	143.9960, -17.7460, -48.2315
Hunter-Lab	59.5372, -35.3930, 21.9385

Details

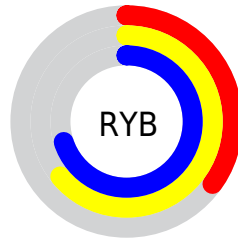
The Decimal color **5878636** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11753888**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **9497504**, and **1932603** is the 20% darker color. If you saturate the color by 10%, you get **4698974**, and if you desaturate by 10%, it is **7058298**.

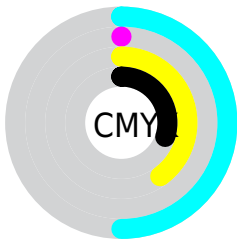
Distribution



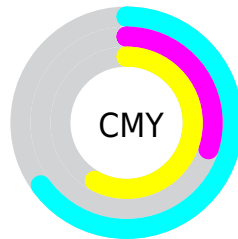
- Red (35%)
- Green (70%)
- Blue (42%)



- Red (35%)
- Yellow (64%)
- Blue (70%)



- Cyan (50%)
- Magenta (0%)
- Yellow (40%)
- Black (30%)



- Cyan (65%)
- Magenta (30%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5878636 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 5878636 by changing the saturation by 10% instead.

■ 5878636

■ 5878636

16777215

■ 4036691

■ 9497504

■ 1932603

■ 11403195

■ 25636

■ 13238231

■ 19213

■ 15138804

■ 13056

■ 7680

■ 0

■ 5878636

■ 5878636

■ 4698974

■ 7058298

■ 3519312

■ 8237960

■ 2339650

■ 9417622

■ 1159988

■ 10597284

■ 45862

■ 11776947

■ 12891073

■ 14070735

■ 15250397

■ 16430059

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9677387



5878636



47001

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5878636



3450876



16088442

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5878636



11753888

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15825576



5878636



10196979

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5878636



45804



13927892



14846805

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5878636



47289



13927892



16218761

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5878636



12970189



10597209



6321509



16119285



7697781

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5878636



6154362



5878680



5265746



39200



6661

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



11753888



15228363



11753844



5853271



10027129



1703956

Previews

White Background



This preview shows how the Decimal color 5878636 looks on a white background.

Color Contrast Check

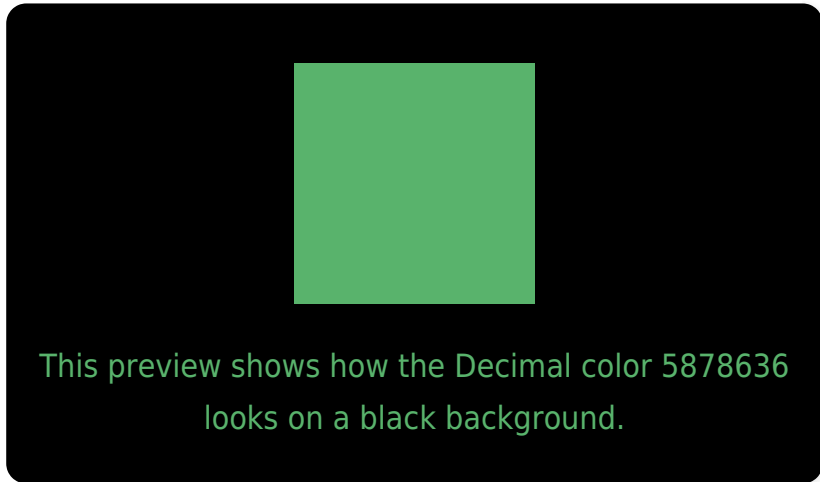
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 5878636 Background



This preview shows how black text looks on a background with the Decimal color 5878636.



This preview shows how white text looks on a background with the Decimal color 5878636.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
5878636

Protanopia
11444324

Deuteranopia
12491122

Trichromacy



Original Color
5878636



Protanomaly
9414503



Deuteranomaly
10068592



Tritanomaly
6598044

Monochromacy



Original Color
5878636



Achromatopsia
9474192



Achromatomaly
8166787

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5878636 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #59B36C looks like.

```
.text, #text, p{  
    color:#59B36C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #59B36C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59B36C
}
```

Border

The CSS property to change the border of an element to Decimal 5878636 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#59B36C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#59B36C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #59B36C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59B36C; -webkit-box-shadow:4px 4px  
4px 4px #59B36C; box-shadow:4px 4px 4px  
4px #59B36C }
```

Background

The CSS property to change the background color of an element to Decimal 5878636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59B36C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#59B36C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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